

**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.**7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
AUSTIN, TEXAS 78731-1191

INTELLECTUAL PROPERTY ATTORNEYS

512-338-6300 (TEL)

512-338-6301 (FAX)

INTERNET: [www.ip-counsel.com](http://www.ip-counsel.com)

April 12, 2004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450Attorney Docket No.: 004-40364

Transmitted herewith for filing is a patent application as follows:

Inventor(s): Lawrence A. Spracklen, Santosh G. Abraham & Stevan Vlaovic  
Title: EXECUTION DISPLACEMENT READ-WRITE ALIAS PREDICTION  
Assignee: Sun Microsystems, Inc.

Enclosed are:

- ☒ Application Data Sheet (3 page(s))
- ☒ Request for Non-Publication and Certification under 35 U.S.C. 122(b)(2)(B)(i) (1 page(s))
- 32 Pages of Written Description (including Specification, Claims and Abstract)
- 12 Sheets of Drawings, ☒ Formal / ☐ Informal
- ☒ Declaration for Patent Application (2 pages), ☒ Executed / ☐ Unexecuted
- ☒ Assignment of the Invention (3 pages, including Cover Sheet)
- ☐ Information Disclosure Statement (\_\_\_\_\_ pages)
  - ☐ with Form(s) PTO 1449 (\_\_\_\_\_ page(s)) and copies of \_\_\_\_\_ reference(s)
- ☒ Other: Check in the amount of \$2068.00
- ☒ This Transmittal Letter (in duplicate) (2 page(s)) ☒ Return Postcard

**CLAIMS AS FILED**

	Number Filed	Number Extra	Rate	Fee
Basic Fee =				770.00
Total Claims	66 - 20	= 46	x \$18.00 =	828.00
Independent Claims	8 - 3	= 5	x \$86.00 =	430.00
Multiple Dependent Claims (if any) - \$290.00 fee				
Other: Recordation of Assignment Document				40.00
TOTAL FILING FEE				\$2,068.00

- ☐ Small entity status is entitled to be asserted for the application.
- ☒ A check is enclosed for the Total Filing Fee shown above.
- ☐ Please charge the Total Filing Fee shown above to Deposit Account 50-0631.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

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EXPRESS MAIL LABEL NO.  
EV 436 537 596 US

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "S. R. Gilliam", written in a cursive style.

Steven R. Gilliam, Reg. No. 51,734  
Attorney for Applicant(s)  
(512) 338-6320  
(512) 338-6301 (fax)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lawrence A. Spracklen, Santosh G. Abraham & Stevan Vlaovic  
Title: EXECUTION DISPLACEMENT READ-WRITE ALIAS PREDICTION  
Application No.: Not Yet Assigned Filed: Herewith  
Examiner: Not Yet Assigned Group Art Unit: Not Yet Assigned  
Atty. Docket No.: 004-40364

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**REQUEST FOR NONPUBLICATION  
AND CERTIFICATION (35 U.S.C. § 122(b)(2)(B)(i))**

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. § 122(b).

EXPRESS MAIL LABEL NO.:

EV 436 537 596 US

Respectfully submitted,



Steven R. Gilliam, Reg. No. 51,734  
Attorney for Applicant(s)  
(512) 338-6320  
(512) 338-6301 (fax)

*This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.*

*Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.*

*If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).*